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Congress of the United States
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Washington, DC 20515

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April 28, 2022

The Honorable Rosa DeLauro
Chairwoman
Committee on Appropriations
U.S. House of Representatives
Washington, DC 20515

The Honorable Kay Granger
Ranking Member
Committee on Appropriations
U.S. House of Representatives
Washington, DC 20515

Dear Chairwoman DeLauro and Ranking Member Granger,

I am requesting \$180,890 in funding for the Heated Garment Testing Equipment for Warfighters project in fiscal year 2023 through the Army's Research, Development, Test, and Evaluation account.

The entity to receive funding for this project is the Florida State University located at 600 W College Ave, Tallahassee, FL 32306.

The funding would be used to purchase a sweating guarded hot plate and its necessary supplies to determine the efficacy of a novel heated garment, provided by the U.S. Army Research Institute of Environmental Medicine (USARIEM), for its ability to maintain human thermoregulation and improve warfighter performance under arctic conditions (0°C to -20°C). The hot plate would be used to determine the efficacy of a novel heat garment and its ability to maintain human thermoregulation and improve warfighter performance under arctic conditions. The ability of a heated garment to effectively maintain warfighter insulation and thermal comfort, including core and skin temperature, would strengthen military operations in extremely cold environments. This technology can also be used to benefit civilian firefighters as it will help in the development and testing of new heat-resistant materials for firefighter safety. Currently, Florida State University does not have a sweating guarded hot plate (SGHP) which provides researchers with the ability to determine the most appropriate combination of fabrics for multi-layer composites used commonly in protecting first responders and military personnel.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Al Lawson
Member of Congress